

# [CONTROL CIRCUIT FOR FREQUENCY CONVERTER]

## Abstract

A control circuit for a frequency converter is provided. The control circuit includes a switch circuit, a timer switch, a starter circuit, a starter relay, and a timer relay. The control circuit is capable of keeping the frequency converter on for a predetermined time period when the voltage level of the power supply is below a predetermined voltage level in order to keep the equipment operating. After the lapse of the predetermined period, if the voltage level is still below the predetermined voltage level, the circuit stops the operation of the equipment to protect the equipment.